Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

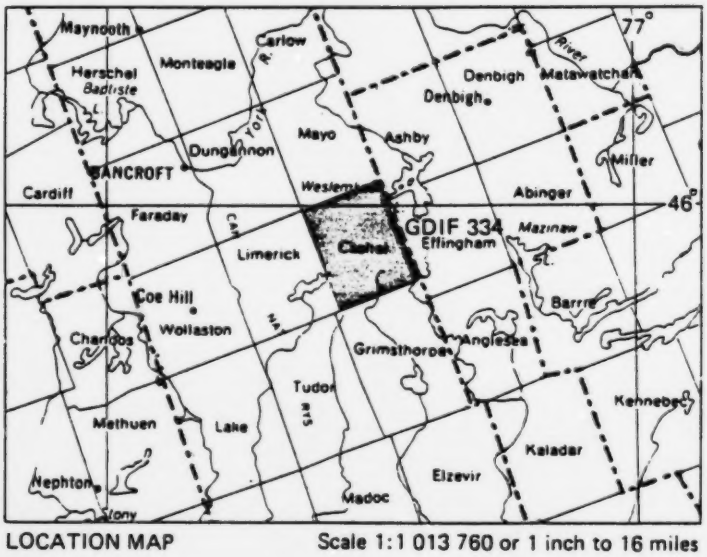
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 334

CASHEL TOWNSHIP

HASTINGS COUNTY

Compiled by the Staff of
the Resident Geologist's Office,
Bancroft



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

87-01249/

NTS Number 31F/4, 31F/3, 31C/13, 31C/14

Mining Claim Map Number M.71

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Cashel Township, Hastings County; Ontario Geological Survey, Geological Data Inventory Folio 334, compiled by the staff of the Resident Geologist's Office, Bancroft, 28p. and 2 maps.

Original Compilation by: Karen Fell, January 1986

Date	Page Revised	Revised by

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CASHEL TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1 inch to ½ mile or 1: 31 680

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	KF
2	Assessment Files Research Office, Toronto (Bancroft Files)	Yes	KF
3	ODM General Index; [illegible] 9 Volumes	Yes	KF
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	KF
6	ODM Industrial Mineral Reports	Yes	KF
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	KF
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	KF
9	Newspaper Clippings File	Yes	KF
10	GSC Index to Publications	Yes	KF
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	KF
12	OGS Index Maps	Yes	KF
13	Source Mineral Deposit Records (O.G.S.) & M.D.I.R.s	Yes	KF
14	Author - Subject Articles File	Yes	KF
15	Miscellaneous Papers: ODM & OGS	Yes	KF
16	ODM Geological Circulars: OGS Study Series	No	KF
17	ODM Preliminary Reports: ODM Bulletins	Yes	KF
18	ODM – OGS Open File Reports	Yes	KF
19	OGS Northern Ontario Engineering Geology Terrain Studies	NA	KF
20	OGS Aggregate Resources Inventory Papers	NA	KF
21	OGS Mineral Potential Maps	Yes	KF
22	OGS Guidebook Series	Yes	KF
23	OGS Mineral Policy Background Papers	No	KF
24	OGS Occasional Papers	No	KF
25	ODM Papers	No	KF
26	OGS/OMNR Annual Statistical Reports		
27	OGS Industrial Mineral Background Papers (1-3)	No	KF
28	OGS Geophysical Reports	NA	KF
29	DEMR/National Mineral Inventory Cards	Yes	KF

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
▲ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
▲ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cpy. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
▲ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
▲ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
▲ gn. . . . . .Galena
▲ gt. . . . . .Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
▲ hem . . . . . Hematite
△ il . . . . . .Ilmenite
▲ Fe . . . . . .Iron
▲ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
▲ mgst . . . . . .Magnesite
▲ mag . . . . . .Magnetite
▲ malc. . . . . Malachite
△ Mn . . . . . Manganese
▲ mb. . . . . .Marble
△ mar. . . . . Marcasite
▲ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . .Millerite
△ mo . . . . . Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
△ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv. . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
▲ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
▲ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
▲ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
▲ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
▲ Zn . . . . . .Zinc
△ zr. . . . . Zircon
▲ anth. . . . .anthophyllite
▲ chl. . . . . .chlorite
▲ qv. . . . . .quartz vein
▲ calc v. . . .calcite vein
▲ trem. . . . . .tremolite
▲ S. . . . . .sulphur
▲ act. . . . . .actinolite
▲ az. . . . . .azurite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A.	BARNES, WILLIAM R. CO. LTD. (Canada Talc) Lot 17, Con XI N½	talc, anth, chl			OGS AFRO - Cashel Township Assessment File #4
B.	CASHEL COPPER MINES (Crysler) (McMurray) (Bouzan) Lot 31, Con I	cpy,gn,py, po,qv,Au,Ag, calc MIN. COLL. #9	SO0497	MRC 12 p.141 MDC 18 p.42	OGS Maps: 2142, P.2611, 52b OGS AR Vol. 26 p.59, 135 AR Vol. 27 Pt.1 p.133 GR 71 p.38-40 OFR 5004 p.58 OFR 5515 p.103 OFR 5548 p.351d GSC NMI #31C/13 CU 1 Darling, G.B. (1949) McMurray (1977) p.13,14,21,27,39 Sangster (1970) p.353
C.	CASHEL LAKE Lot 26, Con V Lot 24, Con VI	ma	SO0482	IMR 28 p.64	OGS Maps: 2142,52b,P.2567 GR 71 p.47 OFR 5004 p.69 OFR 5425 p.203 McMurray (1977) p.33
D.	CASHEL TOWNSHIP IRON FORMATION Lot 16, Con IX	IF,gt MIN. COLL. #7	SO0496	MRC 11 p.152	Menard (1985) OGS Maps: 2142,P.2611,P.2567 GR 71 p.40 OFR 5004 p.60 (OFR 5515 p.77) GSC Maps: 16G NMI #506002 FE 1 McMurray (1977) p.20, 24 Sangster (1970) p.63

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
E.	CASHEL TOWNSHIP OCCURRENCE (McMurray) Lot 20, Con I	gn,qv,Ag,Au, cpy,py,tour MIN.COLL.#5	S00499 #2139	MRC 2 p.8 MRC 10 p.31 MRC 12 p. 141 MDC 18 p. 42	OGS Maps: 2142, P.1505,P.2611 AR Vol. 51-3 p.54,73,31 GR 71 p.38,39 OFR 5004 p.57 OFR 5515 p.103 OFR 5548 p.351d AR Vol. 51 Pt.4 p.33 GSC Maps: 16G NMI #508975 AG 1 NMI #070122 AU 2 McMurray (1977) p.13,14,21,27,39,43
F.	DAFOE LAKE (Mark. A. Dubblestein) (Canada Talc Industries) Lot 2, Con VII N½ (property includes Lot 3 N½)	talc,trem, anth,serp	S00480		OGS Maps: 2142,P.2567,P.2611 GR 71 p.41,43 OFR 5425 p.273,283,291 OFR 5530 p.15-21 MP 107 p.174 MP 106 p.229,232 AFRO Cashel Twp.Assess.File#3 McMurray (1977) p.41
G.	GRENVILLE MARBLE CO. LTD. (Shaw Lake) Lot 18, Con VII (Property includes a pit on Lot 19, Con VII)	mb,gf, MIN.COLL.#1	S00494 #1276	IMR 13 p.15 IMR 16 p.25-27	OGS Maps: 2142,P.2567,P.212 OFR 5004 p.68 OFR 5425 p.174 GR 71 p.46-47 GSC Maps: 16G,97G,770 NMI #507518 STN 1 McMurray (1977) p.33

CASHEL TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
H.	GUNTER LAKE PROPERTY Lot 23, Con IV	Fe (S,py)	S00476		OGS Maps: 2142,P.212S½,P.2567,P.2611 AR Vol. 16 Pt. 1 p.151,163 AR Vol. 25 Pt. 1 p.194,199 GR 71 p.38 OFR 5004 p.55 OFR 5425 p.270 OFR 5515 p.30 OFR 5548 p.46 GSC NMI #507985 PYR 2 DEMR/CANMET #167 p.70 McMurray (1977) p.37,41 Sangster (1970)
I.	GUNTER LAKE SOUTHWEST Lot 25, Con IV (could also include Lot 24)	ma	S00481	IMR 28 p.65	OGS Maps: 2142,P.2567 GR 71 p.47 OFR 5425 p.203
J.	HELM, N. PROPERTY Lot 25, Con IV	Cu,Zn,qv			Meyn,H.D.(1982) Property visit
K.	HINCHCLIFFE LAKE (Jackson) Lot 28, Con III	gn,ba,calc v, py,cpy,Au, Ag,qv	S00477	MRC 12 p.141	OGS Maps: P.2567,52b,2142,P.2611 GR 71 p.38-40 OFR 5004 p.61 OFR 5425 p.18,21 OFR 5548 p.152b McMurray (1977) p.11,13,14,21,27, 39,44

GDIF FORM NO. 1

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
L.	LITTLE BIRCH LAKE AREA Lot 16, Con XIV S½ (property includes Lot 15, Con XV)	talc MIN.COLL.#8	SO0478		OGS Maps: 2142, P.2567 GR 71 p.41-44 OFR 5425 p.274 McMurray (1977) p.41
M.	LITTLE SALMON LAKE OCCURRENCE (B.F. Maidens Property) Lot 23, Con VII (property includes Lot 22 N½)	Fe (py,po,S) gf MIN.COLL.#3	SO0493	MRC 5 p.7	OGS Maps: 2142,P.212,52b,P.2567,P.2611 AR Vol. 16 Pt. 1 p.163 AR Vol. 25 Pt. 1 p.194,199 AR Vol. 52 Pt. 3 p.65 OFR 5425 p.24,139,270 OFR 5515 p.30 OFR 5548 p.152c GSC Memoir #6 p.366 NMI #507984 PYR 1 DEMR/CANMET #167 p.70 McMurray (1977) p.37 Sangster (1970)
N.	MADOC TALC & MINING (Madoc) (Reeves) (C. Roger Young) (Canada Talc Industries) (Soapy Mountain) Lot 17, Con XII (property includes Lot 16)	talc,trem, anth,dol,chl act MIN.COLL.#2	SO0495	IMR 40 p.25-28	OGS Maps: 2142,P.211,52b,P.2567,P.2611 AR Vol. 48 Pt.1 p.41,48,237 AR Vol. 52 Pt.3 p.70-71,73 GR 71 p.42,44,45 OFR 5425 p.24,264,274,283,291 MP 106 p.229,232 OFR 5530 GSC Paper 69-50 p.116 NMI #510299 TLC 1 DEMR/CANMET #803 p.75-77 /Min.Res.Div.;Corp.Files:"Madoc Talc & Mining Co.Ltd." McMurray (1977) p.41

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
O.	McMURRAY, D. - SOAPSTONE QUARRY Lot 7, Con VIII N½	talc soapstone			** DRILL CORE STORED IN THE BANCROFT DRILL CORE LIBRARY OGS GR 71 p.23 AFRO - Cashel Twp. Assessment Files #5 & #6
P.	MEPHISTO LAKE Lots 25-30, Con VIII to IX	ma		IMR 28 p.64	OGS GR 71 p.47
Q.	POTTER CREEK Lot 16, Con II	talc,trem, chl,anth	S00479		OGS Maps:2142,P.2567,P.2611 OFR 5425 p.273,283,291 GR 71 p.41,44
R.	TRUMBLE OCCURRENCE (Gunter) Lot 29, Con IV SE¼	gn,py,sp,hem, ba,fl,malc, az,calc,Ag, Au,Cu MIN.COLL.#4	S00498	MRC 2 p.8 MRC 10 p.31 MRC 12 p.141	OGS Maps: 52b,2142,P.2567,P.212,P.2611 AR Vol. 52 Pt.3 p.54,73 GR 71 p.38,40 OFR 5425 p.19 OFR 5548 p.152c GSC Paper 69-50 p.116 NMI #508200 PB 1 McMurray (1977) p.11,14,21,27,39,44 Sangster (1970) p.354
S.	WESLEMKOON ROAD, NORTH SIDE Lot 14, Con VIII	gt MIN.COLL.#6			McMurray (1977) p.20

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
T.	YOUNG, C.ROGER (Canada Talc Industries) Lot 16, Con XIII N½	talc,mgst, anth			OGS Maps: P.2567,2142,P.211,P.2611 OFR 5004 p.62 OFR 5425 p.274 MP 107 p.174 AFRO-Cashel Twp.Assess.File #1,2
U.	Lot 26, Con II (old workings reported - not plotted on map)				OGS Maps: 52b AR Vol. 52 Pt.3 p.73
V.	Lot 21, Con IV (old workings reported - not plotted on map)				OGS Maps: 52b AR Vol. 52 Pt.3 p.73
W.	Lot 20, Con 6	Fe (py,S)			OGS Maps: 2142 OFR 5004 p.52 OFR 5425 p.270 GR 71 p.36
X.	Lot 31, Con VI	tour			McMurray (1977) p.43
Y.	Lot 16, Con VIII	talc			McMurray (1977) p.41

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Z.	Lot 31, Con XII	Fe (py,S)			OGS Maps: 2142, P.2567 OFR 5004 p.52 OFR 5425 p.270 GR 71 p.36
AA.	Lot 12, Con VI	IF (mag)			Menard (1985)

GDIF FORM NO. 1

10 CASHEL TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., '68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	CORE SPECIMENS		
1	C. ROGER YOUNG				81															
2	C. ROGER YOUNG (Canada Talc Industries)				82															
3	MARK A. DUBBLESTEIN (Canada Talc Industries)			82	82															
4	WILLIAM R. BARNES CO. LTD.				81 82															
5	DAVID McMURRAY			82 83																
6 #	DAVID McMurray			84	82 83 #													82 83		

GDIF FORM NO. 2

- Indicates drill core stored at the Bancroft Drill Core Library

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	C. ROGER YOUNG (File 1)	1	Aug11/81	N80W	-45	16	140		
2	C.ROGER YOUNG (File 2)	81-2	Jan 7/82	N80E	-45	52	102		
3	"	82-1	Jan21/82	N80E	-45	30	301	talc	
4	MARK A. DUBBLESTEIN (File 3)	82-3	Jul 13/82	N23E	-45	60	103		
5	"	82-4	Jul22/82	N23E	-45	29	278	talc	
6	WILLIAM R. BARNES CO. LTD. (File 4)	C-81-1	Dec /81	N80E	-45		352	talc,anth,serp, chl	
7	"	C-82-2	July 82	N80E	-45		250	"	
8#	DAVID McMURRAY (File 6)	1#	Oct19/82		90		110	talc	
8	"	2#	Oct20/82		90		27	tremolite	
8	"	3#	Oct20/82		90		27.5	tremolite soapstone	
8	"	4#	Oct21/82		90		26	"	

GDIF FORM NO. 3

- Indicates drill core stored at the Bancroft Drill Core Library

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
8 #	"	6 #	Oct25/82		45 N		75	trem	
8	"	7 #	Oct27/82		45 W		70	trem,talc,serp	
8	"	9 #	May10/83		45 W		28	1% cpy	
8	"	10#	May13/83		45		102	talc	
8	"	11#	May25/83		45 SW		103	talc,trem,serp	
8	"	12#	May26/83		45 S		50	serp	
8	"	13#	Jun 1/83		45 S		124	talc,trem,serp	
8	"	14#	Jun 6/83		45 S		74		
8	"	15#	Jun 8/83		45 W		57	talc,trem	
8	"	16#	Jul12/83				27	trem,q	
8	"	17#	Jul15/83	S-E	45		40	serp,talcose	

GDIF FORM NO. 3

- Indicates drill core stored at the Bancroft Drill Core Library

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
1.	By: Unknown For: Geological Survey of Canada, Department of Mines & Technical Surveys Map 16G (scale 1"=1mile)	Aeromagnetic Survey (showing the Wadsworth Anomalies as reported by Abraham, E.M., 1951, ODM Preliminary Report 1951-2, p.16)	1,000 feet above ground	N.S.	¼ mile

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Lithogeochemistry - on a Ministry access Road (Lot 17, Con VIII)	SiO_2 Na_2O Ba Ni CaO^2 K_2O Co Pb MgO TiO_2 Cr Sr Al_2O_3 P_2O^5 Cu Zn Fe_2O_3 MnO Li LOI	Ministry of Natural Resources - Tweed District	Grant, T.W. & Kingston, P.W. 1984: Geology & Geochemistry of Grenville Marble in Southeastern Ontario; OGS Open File Report 5509.
2	- on a Ministry access Road, west side of Gunter Lake (Lot 25, Con IV)	(same as above)	(same as above)	(same as above)
3	Lithogeochemistry - 37 samples collected throughout Cashel Township	20 elements: silica titanium alumina phosphorous iron manganese calcium loss on ignition magnesium barium sodium cobalt potassium chromium lithium copper nickel lead zinc strontium	(same as above)	Papertzian, V.C. & Kingston, P.W. 1982: Chemistry of Carbonate Rocks; OGS OFR 5378.

GDIF FORM NO. 5

CASHEL TOWNSHIP

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

MADOC TALC AND MINING COMPANY - "GOLD" Magazine of Canada's North Vol 6, No. 7, August 1938, p.12

DAVID McMURRAY SOAPSTONE QUARRY - The Bancroft Times, Dec 12, 1984

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched:

CASHEL TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
1	CASHEL TOWNSHIP			
	Iron pyrites - mining	16	1	151,163
	Little Salmon Lake Occurrence	25	1	194,199
2	CASHEL TOWNSHIP			
	Cashel Copper Mines Ltd.	26		59,135
	Cashel Copper Mines Ltd.	27	1	133
3	CASHEL TOWNSHIP			
	Madoc Talc and Mining Co. Ltd.	48	1	41,48, 237
4	CASHEL TOWNSHIP			
	Galena	51	4	33
	Galena	52	3	31,54
	Lead	52	3	54
	Old Workings	52	3	73
	Pyrite	52	3	65
	Quartz Veins	52	3	31
	Talc, Notes and Analysis	52	3	70,71
7	CASHEL TOWNSHIP			
	Grenville Marble Co.	IMR 13		15
	Marble Quarry	IMR 16		25-27
	Marl	IMR 28		64-65
	Talc	IMR 40		25-28
8	CASHEL TOWNSHIP			
	Cashel Lake	GR 71		33,37,47
	Cashel Lake	IMR 28		64
	Cashel Syncline	GR 71		33
	Geology of the Area, Report & Map	GR 71		
	Gold / Silver/ Lead/ Zinc/ Copper	GR 71		38-40
	Iron	GR 71		40-41
	Iron	MRC 11		152
	Marble	GR 71		45-47
	Marl	IMR 28		64-65
	Pyrite	MRC 5		7
	Silver	MRC 10		31
	Talc	GR 71		41-45
	Talc	IMR 40		25-28
9	CASHEL TOWNSHIP			
	Gold	MDC 18		42

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL MAPS WITHOUT REPORTS		
Freeman, E.B., ed.	1979	Geological Highway Map, Southern Ontario	OGS Map 2441	1:800,000
Gordon, J.B.	1977	Gold Deposits of Ontario, Southern Sheet, Southern Ontario and District of Nipissing; Mineral Deposits Series.	OGS Map P.1229	1" = 16 miles
	1980	Vein Silver Deposits of Ontario, Southern Ontario and District of Nipissing; Mineral Deposit Series.	OGS Map P.2301	1" = 16 miles
Hewitt, D.F. & Satterly, J.	1957	Haliburton-Bancroft Area, Province of Ontario.	ODM Map 1957b	1" = 2 miles
Kingston, P.W., Papertzian, V.C. & Williams, D.A.	1985	Geology & Mineral Deposits of the Kingston Area, Southern Ontario; Compilation Series.	OGS P.2611	1:125,000
Lumbers, S.B.	1976	Ontario Geological Map, Southern Sheet	OGS Map 2392	1" = 16 miles
Ontario Geological Survey	1985	Ontario Mineral Map	OGS Map 2472	1" = 25 miles
Yundt, S.E., Minnes, D.G., Masham, J.S., Scott, D.W. & Vos, M.A.	1983	Industrial Minerals of Ontario	OGS Map P.2591	1:1,500,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS WITH MAPS		
Adams, F.D. & Barlow, A.E.	1910	Geology of the Haliburton and Bancroft Areas, Ontario;	GSC Memoir 6 GSC Map 770	419 p. 1" = 2 miles
Guillet, G.R.	1969	Marl in Ontario	ODM IMR 28 ODM Map 2183	137 p. 1" = 16 miles
Hewitt, D.F.	1964	The Limestone Industries of Ontario 1958-1963;	ODM IMR 13 Map 2059	77 p. 1" = 16 miles
Lumbers, S.B.	1964	Preliminary Report on the Relationships of Mineral Deposits to Intrusive Rocks and Metamorphism in Part of the Grenville Province of Southeastern Ontario;	ODM PR 1964-4 Fig. 7	37 p. 1" = 2 miles
	1967	Geology of Cashel Township, Hastings County, Southern Ontario;	OGS OFR 5004 Map P.211 Map P.212	 1" = ¼ mile 1" = ¼ mile
	1968	Geology of Cashel Township;	OGS GR 71 Map 2142	54 p. 1" = ½ mile
Malczak, J., Carter, T.R., & Springer, J.S.	1985	Base Metal, Molybdenum, and Precious Metal Deposits of the Madoc-Sharbot Lake Area, Southeastern Ontario; 54 tables, 35 figures, and 1 map, by Malczak, J., Mineral Deposit Series.	OGS OFR 5548 Map P.2737	394 p. 1:125,000
Martin, Wendy	1983	Industrial Minerals of the Algonquin Region;	OGS OFR 5425 Map P.2567	316 p. 1:125,000
Papertzian, V.C. & Kingston, P.W.	1982	Chemistry of Grenville Carbonate Rocks; 1 fig., 1 table, 1 map - Sample Locations of Marbles in Eastern Ontario	OGS OFR 5378 Map	81 p. 1" = 2 miles

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Thomson, Jas. E.	1943	Mineral Occurrences in the North Hastings Area;	ODM AR Vol.52 Pt.3 Map 52b	80 p. 1" = 2 miles
Vennor, H.G.	1870	On the Geology and Economic Minerals of Parts of Hastings Counties;	GSC Rpt.of Progress 1866-1869 Pt.V GSC Map 79	p.144-171 1" = 4 miles
Wilson, W.G.	1912	Pyrites in Canada: its occurrence, exploitation, dressing and uses;	DEMR/CANMET #167 Map 168	1" = 125 mi.
		GEOLOGICAL & TECHNICAL REPORTS WITHOUT MAPS		
Carter, T.R.	1984	Metallogeny of the Grenville Province, Southeastern Ontario; 58 figures, 35 tables, and 14 photos.	OGS OFR 5515	422 p.
Darling, G.B.	1949	Unpublished Assessment Report for Bouzan Gold Mines Ltd., Crysler Lead Prospect, Geoscience Data Centre, Ontario Geological Survey.		
Dillon, E.P. and Barron, P.S.	1982	Geology of Selected Industrial Mineral Occurrences, Southern Ontario; p.228-234 in Summary of Field Work 1982, edited by John Wood, Owen L. White, R.B. Barlow, and A.C. Colvine	OGS MP 106	235 p.
	1985	Talc in the Tudor Formation, Grenville Supracrustal Series, Southeastern Ontario; 6 figures, 7 tables, 5 photos	OGS OFR 5530	69 p.
Fraleck, E.L.	1907	Iron Pyrites in Ontario	ODM AR Vol.16 Pt.1	p.149-201

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Gibson, T.W.	1917	Statistical Review of the Mineral Industry of Ontario	ODM AR Vol.26	p.1-66
Gordon, J.B., Lovell, H.L., de Grijs, Jan, & Davie, R.F.	1979	Gold Deposits of Ontario, Part 2: Part of District of Cochrane, Districts of Muskoka, Nipissing, Parry Sound, Sudbury, Timiskaming, and Counties of Southern Ontario	OGS MDC 18	253 p.
Hewitt, D.F.	1964	Building Stones of Ontario, Part III Marble	ODM IMR 16	89 p.
	1967	Pyrite Deposits of Ontario	ODM MRC 5	64 p.
	1972	Talc in Ontario	ODM IMR 40	52 p.
Hopkins, P.E.	1916	Iron Pyrites in Southeastern Ontario	ODM AR Vol.25 Pt.1	p.192-199
McMurray, V.A.	1977	Rockhound & Prospector - A Guide to Mineral Locations in Hastings County, Ontario		60 p.
Meyn, H.D.	1982	Report of the Bancroft Resident Geologist; p.169-177, in Report of Activities Regional and Resident Geologists, edited by C.R. Kustra	OGS MP 107	211 p.
Sabina, A.P.	1970	Rocks and Minerals for the Collector, Hull - Maniwaki, Quebec; Ottawa - Peterborough, Ontario;	GSC Paper 69-50	177 p.
Sergiades, A.O.	1968	Silver Colbalt Calcite Vein Deposits of Ontario	ODM MRC 10	498 p.
Shklanka, R.	1968	Iron Deposits of Ontario	ODM MRC 11	489 p.
	1969	Copper, Nickel, Lead, Zinc Deposits of Ontario	ODM MRC 12	394 p.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Sinclair, D.G., et al	1940	Mines of Ontario in 1938	ODM AR Vol.48 Pt.1	p.72-239
Spence, Hugh, S.	1940	Talc, Steatite, Soapstone, Pyrophyllite	DEMR/CANMET #803	p.75-77
Sutherland, T.F., et al	1917	Mines of Ontario	ODM AR Vol.26 Pt.1	p.74-156
	1918	Mines of Ontario	ODM AR Vol.27 Pt.1	p.86-154
Thompson, J.E., et al	1957	Copper, Nickel, Lead, and Zinc Deposits in Ontario (Revised to Feb. 1957)	ODM MRC 2	126 p.
Tremblay, M.	1940	Statistical Review of the Mineral Industry of Ontario for 1938	ODM AR Vol.48 Pt.1	p.1-54
Trussler, J.R.	1980	Mineral Collecting Files, located at Resident Geologist's Office, Ministry of Northern Development & Mines, Bancroft, Ontario		
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Barnett, P.J.	1979	Quaternary Geology of the Bancroft Area; p.136-137 in Summary of Field Work 1979,	OGS MP 90	245 p.
	1983	Quaternary Geology of the Bancroft Area; 4 tables 15 figures, 14 photos, Maps P.2376 & P.2397	OGS OFR 5428	124 p.
	1985	Quaternary Geology, Bancroft, Southern Ontario	OGS Map 2500	1:50,000
Bostock, H.S.	1969	Physiographic Regions of Canada	GSC Map 1254A	1:5,000,000
Chapman, L.J.	1975	The Physiography of the Georgian Bay - Ottawa Valley Area of Southern Ontario	ODM GS Rept. 128 Map 2228	33 p. 1" = 4 miles

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Chapman, L.J. & Putman, D.F.	1984	The Physiography of Southern Ontari, Third Edition	OGS Special Volume 2 Map P.2715	270 p. 1:600,000
Finamore, P.F.	1980	Quaternary Geology of the Coe Hill Area, Southern Ontario; p.117-118 in Summary of Field Work, 1980, edited by V.G. Milne, O.L. White, R.B. Barlow, J.A. Robertson, and A.C. Colvine	OGS MP 96	201 p.
Finamore, P.F. & Courtney, S.J.	1982	Quaternary Geology of the Coe Hill Area, Southern Ontario	OGS Map P.2536	1:50,000
Henderson, E.P.	1973	Surficial Geology of Kingston (North Half) Map Area, Ontario	GSC Paper 72-48 Map 8-1972	6 p. 1:125,000
		TOPOGRAPHIC MAPS		
Department of Energy Mines & Resources Mapping & Survey Branch	1975	Bancroft, Ontario (31F/4)		1:50,000
	1973	Denbigh, Ontario (31F/3)		1:50,000
	1978	Coe Hill, Ontario (31C/13)		1:50,000
	1978	Mazinaw Lake (31C/14)		1:50,000
	1963	Bancroft (31F/SW)		1:125,000
	1977	Pembroke, Ontario (31F)		1:250,000
	1975	Kingston (31C)		1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOCHEMICAL		
Department of Energy, Mines & Resources - GSC (Resource Geochemistry Subdiv.)	1981	National Geochemical Reconnaissance, Coloured Compilation Map Series, Southeastern Ontario (31C N½ & 31F). Project Co-ordinator, Coker, W.B. & Ellwood, D.J.	GSC OF 747	1:2,000,000
Grant, T.W. & Kingston, P.W.	1984	Geology and Geochemistry of Grenville Marble in Southeastern Ontario; 4 tables, 27 figures, 4 photos and map.	OGS OFR 5509	297 p.
Hornbrook, E.H.W. & Lund, N.G.	1982	National Geochemical Reconnaissance Lake Sediment and Water Geochemical Survey, Southeastern Ontario	GSC OF 899 Map 58-1982	233 p. 1:250,000
Kettles, I.M. & Shilts, W.W.	83/84?	Reconnaissance Geochemical Data for Till & Other Surficial Sediments, Frontenac Arch and surrounding Areas, Ontario	GSC OF 947	85 p.
Ontario Geological Survey & Geological Survey of Canada	1977	Geochemical Reconnaissance in Lake Sediments, Southern Ontario (NTS 31C)	OGS OFR 5227 GSC OF 405	1:250,000
		GEOPHYSICAL		
Abraham, E.M.	1951	Geology in the vicinity of aeromagnetic anomalies on the Bancroft and Coe Hill Sheets, Southern Ontario.	ODM PR 1951-2	19 p.
Geological Survey of Canada	1984	Magnetic Anomaly Map, Ottawa, Ontario & Quebec	GSC Map NL-18-M	1:1,000,000
	1981	Eastern Ontario - Western Quebec Region, Magnetic Anomaly Map Series (Residual Total Field)	GSC Map 1562A	1:1,291,806

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Geological Survey of Canada	1972	Great Lakes - Ottawa River Sheet, Algoma, Sudbury Timiskaming, Nipissing, and Manitoulin Districts, and Southern Ontario; Aeromagnetic Compilation Map	GSC Map P.800	1" = 16 miles
	1984	Radiometric Survey Map - Sudbury (31C & 31D)	GSC OF 1071 (7 Maps)	1:1,000,000
	1984	Radiometric Survey Map - Ottawa (31C & 31F)	GSC OF 1072 (7 Maps)	1:1,000,000
	1971	Seven Radiometric Maps and Profiles for 61 Flight Lines of an Experimental High-Sensitivity Gamma-Ray Spectrometer Survey of the Bancroft Area, Ontario; (31C/13, D/16, E/1, F/4)	GSC OF 45 Maps Profiles	 1:50,000 1:250,000
	1976	Uranium Reconnaissance Program Airborne Gamma-Ray Spectrometry Data, Pembroke (31F), Ontario-Quebec;	GSC OF 331 Maps 35631G	1:250,000
	1977	Airborne Radioactivity Maps and Profiles, Kingston Ontario (31C)	GSC OF 428 Maps 35331G	1:250,000
	1981	Pembroke, Ontario - Quebec, Aeromagnetic Map	GSC Map 7057G	1:250,000
	1981	Kingston, Ontario, Aeromagnetic Map	GSC Map 7052G	1:250,000
	1950	Bancroft, Hastings, Renfrew, Lennox & Addington Counties, Ontario; Aeromagnetic Map	GSC Map 15G	1:50,000
	1950	Coe Hill, Hastings, Peterborough & Haliburton Counties, Ontario; Aeromagnetic Map	GSC Map 16G	1:50,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Geological Survey of Canada	1952	Mazinaw Lake, Hastings, Frontenac, Lennox & Addington Counties, Ontario; Aeromagnetic Map	GSC Map 97G	1" = 1 mile
	1952	Denbigh, Renfrew, Frontenac, Hastings, Lennox & Addington Counties, Ontario; Aeromagnetic Map	GSC Map 96G	1" = 1 mile
		MINERAL POTENTIAL MAPS		
Springer, Janet	1978	Ontario Mineral Potential, Kingston and Part of Ogdensburg Sheets, Counties of Peterborough, Northumberland, Hastings, Prince Edward, Lennox & Addington, Frontenac, Lanark, Leeds, Grenville, and Ottawa-Carleton; Mineral Deposits Series.	OGS Map P.1505	1:250,000
	1978	Ontario Mineral Potential, Pembroke and Part of the Ottawa Sheets, District of Nipissing and Counties of Renfrew, Hastings, Lennox and Addington, Frontenac, Lanark, Ottawa-Carleton, Grenville, and Dundas; Mineral Deposits Series.	OGS Map P.1507	1:250,000
		JOURNAL ARTICLES, THESES		
Hodgson, C.J.	1965	Petrology of the Weslemkoon Batholith Southeastern Ontario; unpublished M.Sc. Thesis, University of Toronto		

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Lumbers, S.B.	1967	Abstract - Geology and Mineral Deposits of the Bancroft - Madoc Area; p.13-29 in Guidebook, Geology of Parts of Eastern Ontario and Western Quebec, The Geological Association of Canada with the Mineralogical Association of America, edited by S.E. Jenness, 346 p.		
	1967	Stratigraphy, plutonism in the Ottawa River remnant in the Bancroft - Madoc Area of the Grenville Province of Southeastern Ontario, Canada; unpublished Ph.D. Thesis, Princeton University, Princeton, New Jersey, 331 p.		
Silver, L.T. & Lumbers, S.B.	1966	Geochronologic studies in the Bancroft - Madoc Area of the Grenville Province, Ontario, Canada; (abstract) Geological Society of America, Special Publication No. 87, 156 p.		
Menard, A.G.	1985	The Geology of Iron Deposits in the Crowe River Watershed; Unpublished report, Ministry of Northern Development & Mines, Resident Geologist's Office, Tweed, Ontario.		
Sangster, A.L.	1970	Metallogeny of Base Metal, Gold, and Iron Deposits of the Grenville Province of Southeastern Ontario; Unpublished Ph.D. Thesis, Queen's University, Kingston, 356 p.		

MAYO

Pond Lily L.

Little Birch L.

La Aide L.

La Aide Creek

Sleeper L.

77°30'00"

45°00'30"

Buck L.

Coburn

Mephisto Lake

McCrae

RICK

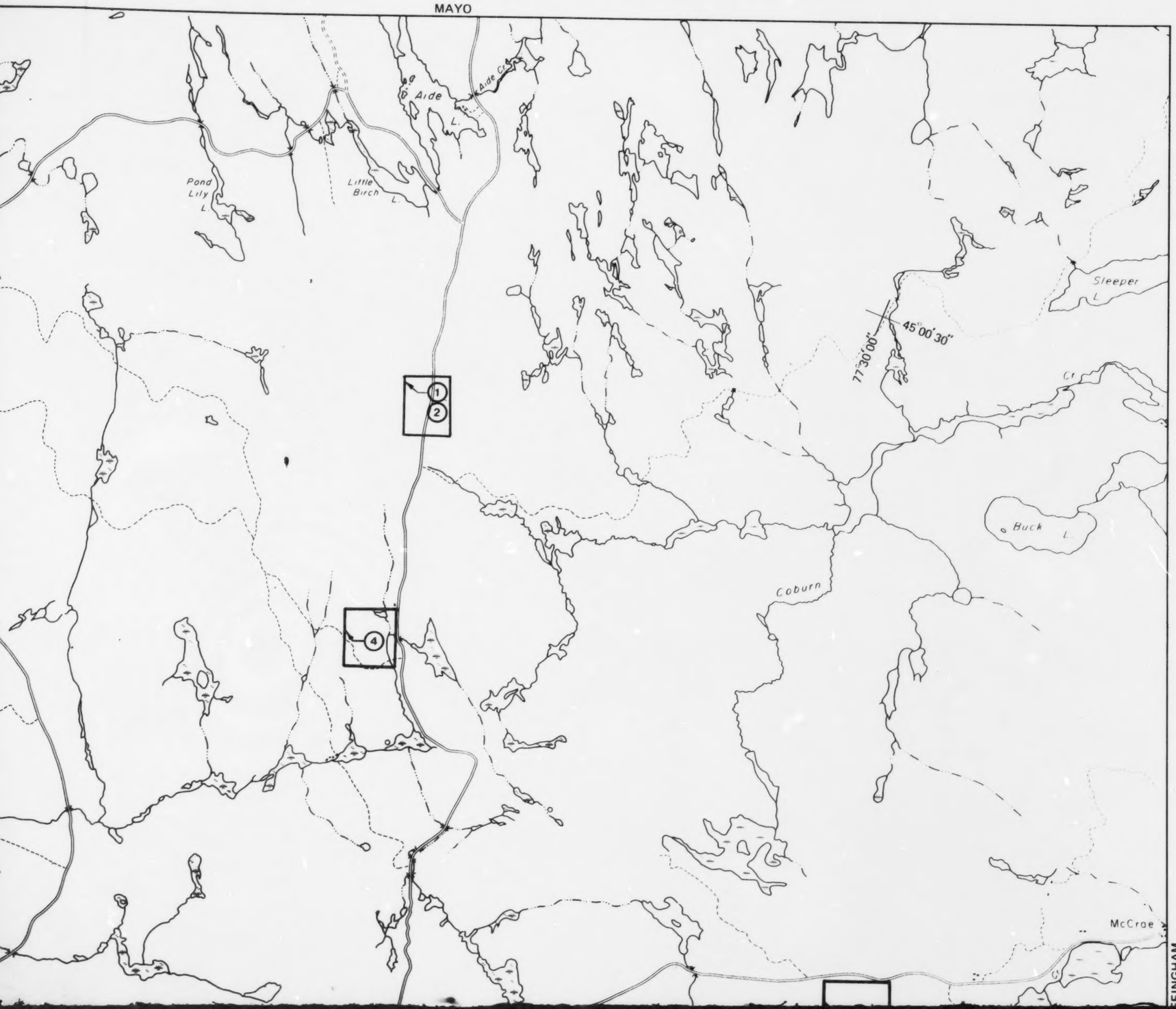
FFINGHAM

GEO

CA

Kilo

Mile 0.5



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 334

(Map 1 of 2)

CASHEL TOWNSHIP

HASTINGS COUNTY

Scale 1 31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

FINGHAM

EXPLORATION DATA FILE AREAS

LIMERICK

EFFINGHAM

Lake

RADIO

Upper Partridge L.

Fraser

Lucid L.

Cashel

Lake

Sanford L.

Horse L.

Little Sanford L

Dafoe L.

Gunter L.

Hinchcliffe L.

Gunter

River

Partridge

Merrill L.

70°32'00"

44°52'30"

Black R.

Black

Boundary L.

Merrill Cr.

Cr.

GRIMSTHORPE

EFFINGHAM

EXPLORATION DATA FILE AREAS

■ 1 6 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.

RADIO

Upper Partridge L.

Lucid L.

Sanford L.

Horse L.

Little Sanford L.

Fraser

Dofoe L.

Merrill L.

Gunter L.

River

Partridge

Boundary L.

Merrill Cr.

Black

Black R.

Cr.

GRIMSTHORPE

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

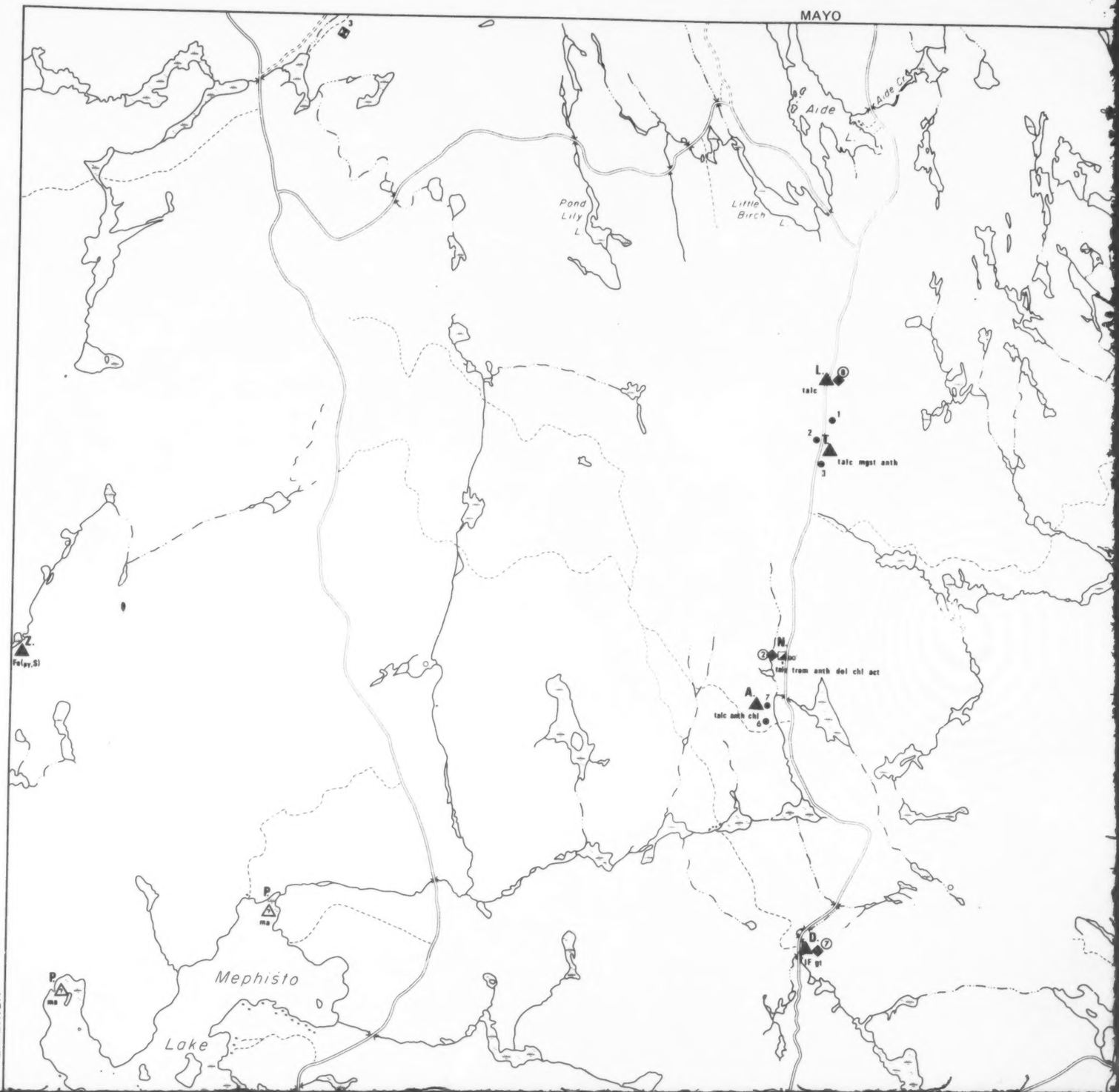
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

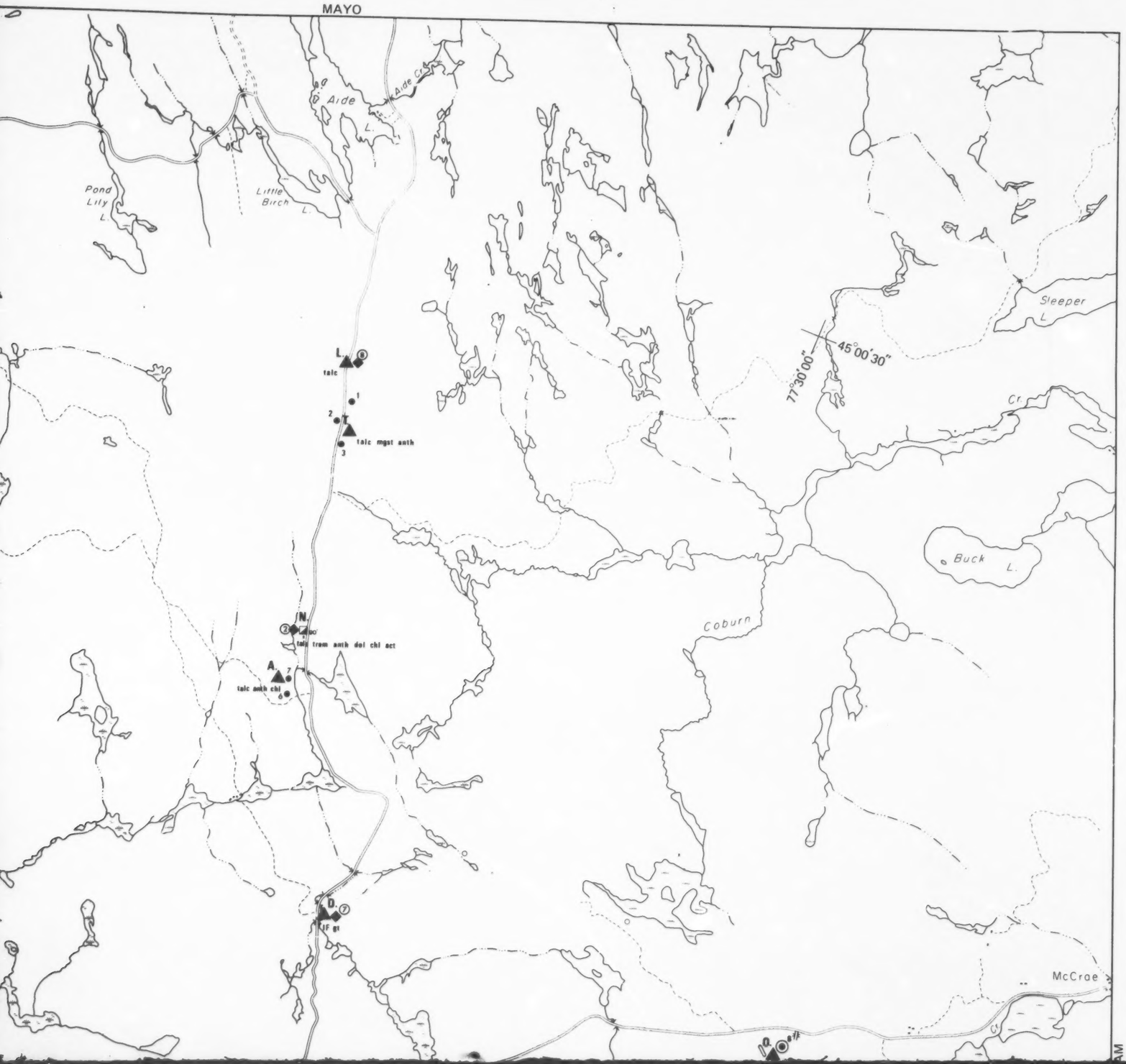
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit





Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 334

(Map 2 of 2)

CASHEL TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- ④ — Mineral Collecting Locality, with number

DRILLHOLE

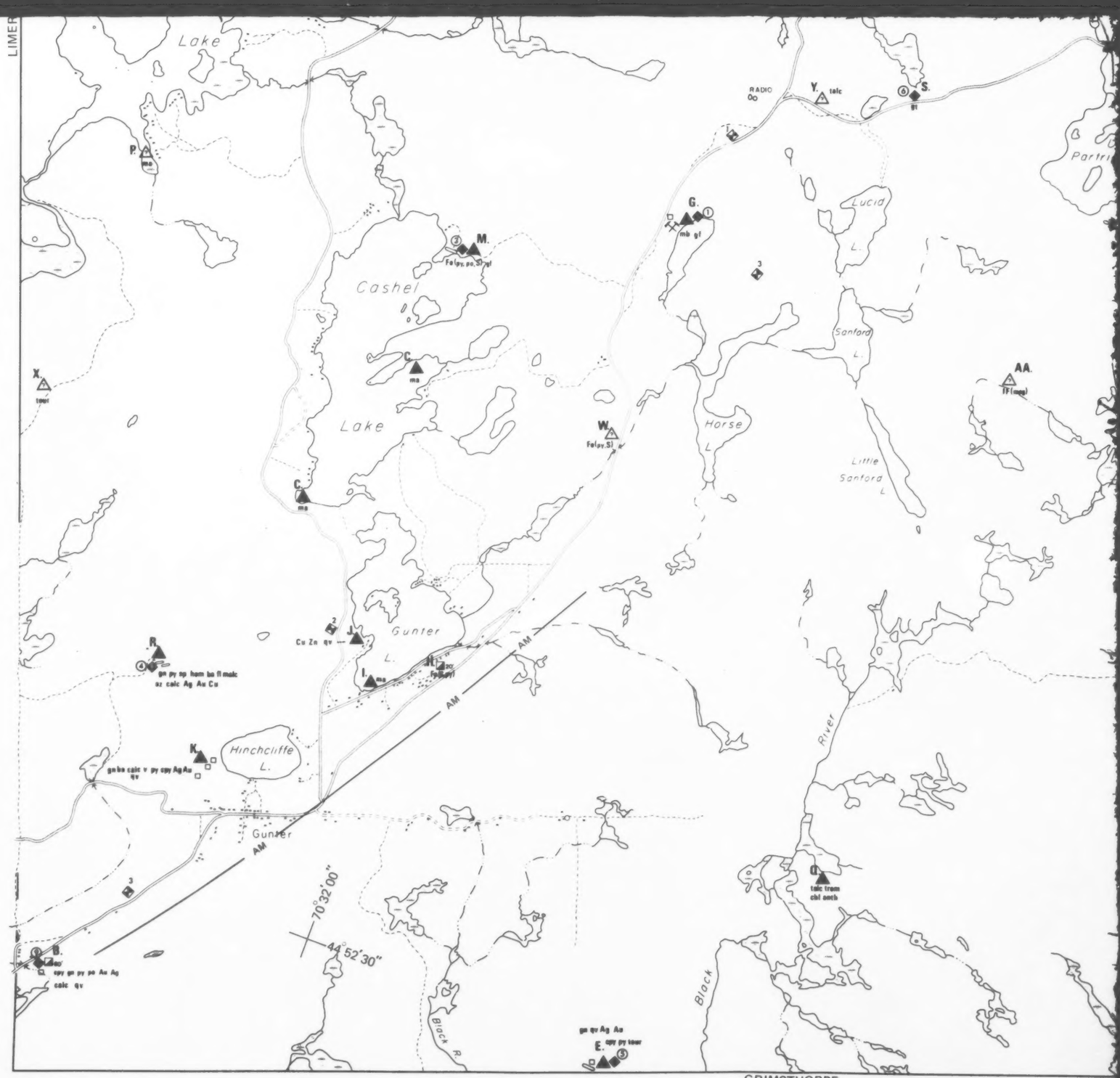
- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with

☐ Adit

☐ Open pit

☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EDIE 33 f

EFFINGHAM

- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number
- # Indicates drill core stored at the Bancroft Drill Core Library

RADIO

Y. talc

S. gt

Upper Partridge L.

Fraser

Lucid L.

G. mb gt

Sanford L.

F. talc from meta serp

AA. (map)

W. Foley, Sl

Horse L.

Little Sanford L.

Dafoe L.

Q. talc soapstone

AM

River

Partridge

Merrill L.

Boundary L.

Cr.

Merrill Cr.

Q. talc from chl anth

Block

E. cpy py tour

GRIMSTHORPE